Geekbench Score

67520

OpenCL Score

Geekbench 5.4.1 Tryout for macOS x86 (64-bit)

System Information

System Information	
Operating System	macOS 12.0.1 (Build 21A559)
Model	iMac (27-inch Retina Early 2019)
Model ID	iMac19,1
Motherboard	Acidanthera Mac-AA95B1DDAB278B95 iMac19,1
BIOS	Acidanthera 1554.140.20.0.0

Processor Information	
Name	Intel Core i9-9900K
Topology	1 Processor, 8 Cores, 16 Threads
Identifier	GenuineIntel Family 6 Model 158 Stepping 12
Base Frequency	3.60 GHz
L1 Instruction Cache	32.0 KB x 8
L1 Data Cache	32.0 KB x 8
L2 Cache	256 KB x 8
L3 Cache	16.0 MB

Memory Information	
Size	32.0 GB
Type	DDR4
Speed	3200 MT/s

OpenCL Information	
Platform Vendor	Apple
Platform Name	Apple
Device Vendor	AMD
Device Name	AMD Radeon RX 5700 XT Compute Engine
Device Driver Version	1.2 (Oct 14 2021 00:44:05)
Maximum Frequency	2100 MHz
Compute Units	40
Device Memory	7.98 GB

OpenCL Performance

OpenCL Score	67520
Sobel	61773 — 16.0 Gpixels/sec
Canny	55217 — 3.46 Gpixels/sec
Stereo Matching	188867 — 267.1 Gpixels/sec
Histogram Equalization	45064 — 7.95 Gpixels/sec
Gaussian Blur	69416 — 3.82 Gpixels/sec
Depth of Field	171626 — 1.99 Gpixels/sec
Face Detection	17255 — 132.8 images/sec
Horizon Detection	66092 — 1.63 Gpixels/sec
Feature Matching	22665 — 468.9 Mpixels/sec
Particle Physics	275362 — 7334.5 FPS
SFFT	54015 — 744.0 Gflops